

Appendix B

Borehole Logs

ENVIRONMENTAL RESTORATION
26-1 BOREHOLE LOG

Depth (ft)	Blow Counts	Sample Type	Organics (11.7 eV lamp) (ppm)	Rad. (cpm)	Lithologic USCS Symbol	Geologic Description
0	Not Applicable	Rad Biased Grab			SW	0.6 over liner; loose, dark yellowish brown (10 YR 4/2) unstratified, medium to coarse, rounded to subrounded SAND and some small to large, rounded to subrounded GRAVEL liner
5	Not Applicable	Rad Biased Grab	0.2 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	1000 2000 900 900 350 >50,000 10,000	SW	0.0 to 1.7; loose to compact (estimate), dark yellowish brown (10 YR 4/2), unstratified medium to coarse, rounded to subrounded SAND, some small to medium rounded to subrounded GRAVEL. 1.7 to 6.0; compact (estimate), dark yellowish brown (10 YR 4/2), unstratified medium to coarse, rounded to subrounded SAND, some small to large rounded to subrounded GRAVEL. Measured at 5 mRem
5	Not Applicable	Rad Biased Grab	0.0 ppm	20,000	SW	TD of hole at 6.0
10						
15						
20						

ECA: CPP-26 Location: 26-1

Drilling Subcontractor: Hawley Brothers (Blackfoot, Idaho)

Borehole Diameter: 4 inches Drill Method Hand Auger

Logged by: Arden Baily (GAI Geologist) Reviewed by: H. T. H. L.

Sample Method Rad Biased Grab

Signature: _____ Date: 18-19 Aug 92



= Denotes California Split-spoon sampler



= Denotes grab sample

ENVIRONMENTAL RESTORATION

26-2 BOREHOLE LOG

Depth (ft)	Blow Counts	Sample Type	Organics (11.7 eV lamp) (ppm)	Rad. (cpm)	Lithologic USCS Symbol	Geologic Description		
0						0.6 above liner; loose, dark yellowish brown (10 YR 4/2) unstratified, fine to coarse SAND and small to large rounded to subrounded GRAVEL. liner (20 mil)		
	Not Applicable	Rad Biased grab	0.0 ppm	1000	SP	0.0 to 1.5 loose to compact (estimate) dark yellowish brown (10 YR 4/1) unstratified, medium SAND and some small to medium rounded to subrounded GRAVEL.		
			0.1 ppm	2200				
			0.0 ppm	1000	SW	1.5 to 6.1; loose to compact, dark yellowish brown (10 YR 4/2) unstratified, medium to coarse rounded to subrounded SAND and some small to large rounded to subrounded GRAVEL - from 4.7 to 5.0 trace to little grayish black (N2)small sized gravels		
			0.0 ppm	900				
			0.0 ppm	500				
			0.0 ppm	30,000				
			0.0 ppm	50,000				
			0.0 ppm	50,000				
5				Rad Biased grab	0.0 ppm		50,000	SW
			0.0 ppm		50,000			
			0.0 ppm		50,000			
10								
15								
		</						

ECA: CPP-26

Location: 26-2

Drilling Subcontractor: Hawley Brothers (Blackfoot, Idaho)

Borehole Diameter: 4 inches

Drill Method: Hand Auger

Logged by: Arden Bailly (GAI Geologist)

Reviewed by: *[Signature]*

Sample Method: Rad Biased Grab

Signature: _____

Date: 19 Aug 92



= Denotes California Split-spoon sampler



= Denotes grab sample

ENVIRONMENTAL RESTORATION

26-3 BOREHOLE LOG

Depth (ft)	Blow Counts	Sample Type	Organics (11.7 eV lamp) (ppm)	Rad. (cpm)	Lithologic USCS Symbol	Geologic Description
						0.4 over liner; loose, dark yellowish brown (10YR 4/2 unsratified, medium to coarse rounded to subrounded, SAND, some small to large, rounded to subrounded GRAVEL.
						liner (20 mil)
0	Not applicable	Rad Biased Grab	0.0 ppm	700	SW	0.0 to 1.1 loose to compact, dark yellowish brown (10YR 4/2) unsratified, medium to coarse rounded to subrounded, SAND, some small to medium, rounded to subrounded GRAVEL.
						NOTE: Hole abandoned at 1.1 due to concrete at bottom of hole.
5						
10						
15						
20						

ECA: CPP-26

Location: 26-3 (abandoned)

Drilling Subcontractor: Hawley Brothers (Blackfoot, Idaho)

Borehole Diameter: 4 inches

Drill Method: Hand Auger

Logged by: Arden Baily (GAI Geologist)

Reviewed by:

Sample Method: Rad Biased Grab

Signature:

Date: 20 Aug 92



= Denotes California Split-spoon sampler



= Denotes grab sample

ENVIRONMENTAL RESTORATION

26-3 BOREHOLE LOG

Depth (ft)	Blow Counts	Sample Type	Organics (11.7 eV lamp) (ppm)	Rad. (cpm)	Lithologic USCS Symbol	Geologic Description
0	Unser-					0.6 over liner; loose, dark yellowish brown (10 YR 4/2) unstratified, medium to coarse, rounded to subrounded, SAND and some small to large, rounded to subrounded GRAVEL
	Not Applicable	Rad Biased Grab				liner - (20 mil)
			0.0 ppm	400	SP	0.0 to 0.5; compact, dark yellowish brown (10 YR 4/2), unstratified medium SAND 0.5 to 4.0; compact, dark yellowish brown (10 YR 4/2) unstratified; medium to coarse, rounded to subrounded SAND, some small to medium, rounded to subrounded GRAVEL NOTE: Hole abandoned at 4.0 due to concrete at bottom of hole
			0.0 ppm	800	SW	
			0.0 ppm	2000		
			0.0 ppm	500		
			0.0 ppm	500		
5						
10						
15						
20						

ECA: CPP-26

Location: 26-3

Drilling Subcontractor: Hawley Brothers (Blackfoot, Idaho)

Borehole Diameter: 4 inches

Drill Method: Hand Auger

Logged by: Arden Bailly (GAI Geologist)

Reviewed by: 

Sample Method: Rad Biased Grab

Signature: _____

Date: 20 Aug 92



= Denotes California Split-spoon sampler



= Denotes grab sample

ENVIRONMENTAL RESTORATION

32E-1 BOREHOLE LOG

Depth (ft)	Blow Counts	Sample Type	Organics (11.7 eV lamp) (ppm)	Rad. (cpm)	Lithologic USCS Symbol	Geologic Description
0	Not Applicable	Rod Blased Grab		200	SW	0.0 to 5.0 - loose to compact (field expediant estimate) Dark yellowish brown (10 YR 4/2) unstratified Medium to coarse, rounded to subrounded SAND and small to medium rounded to subrounded GRAVEL
			300			
			900			
			900			
			700			
			320			
			250			
5						TD - 5.0
10						
15						
20						

ECA: CPP-32E

Location: 32E-1

Drilling Subcontractor: Hawley Brothers (Blackfoot, Idaho)

Borehole Diameter: 4 inches

Drill Method Hand Auger

Logged by: Arden Baily (GAI Geologist)

Reviewed by:

Sample Method RAD Biased Grab

Signature:

Date: 18 Aug 92



= Denotes California Split-spoon sampler



= Denotes grab sample

ENVIRONMENTAL RESTORATION

79-1 BOREHOLE LOG

Depth (ft)	Blow Counts	Sample Type	Organics (11.7 eV lamp) (ppm)	Rad. (cpm)	Lithologic USCS Symbol	Geologic Description
0						Surface is composed of: loose to compact, pale yellowish brown (10 YR 6/2) unstratified, fine to coarse rounded to subrounded, SAND and some small to large rounded to subrounded GRAVEL FILL
5						
10	20/15 17/24	CA SS 2.0/2.0	0.0 ppm	Back - ground	SW	8.0 to 10.0; Damp, dense, dark yellowish brown (10 YR 4/2) unstratified, fine to coarse, rounded to subrounded SAND and small to medium, rounded to subrounded GRAVEL
	18/12 20/18	CA SS 1.5/2.0	0.0 ppm	Back - ground	SW	10.0 to 11.5; Damp, dense, dark yellowish brown (10 YR 4/2) unstratified, fine to coarse, rounded to subrounded SAND and small to medium, rounded to subrounded GRAVEL
	13/23 16/18	CA SS 2.0/2.0	0.0 ppm	Back - ground	SW	12.0 to 14.0; Damp, dense, dark yellowish brown (10 YR 4/2) unstratified, fine to coarse, rounded to subrounded SAND and small to medium, rounded to subrounded GRAVEL
15	12/13 19/16	CA SS 1.4/2.0	0.2 ppm	Back - ground	SW	14.0 to 15.4; Damp, dense, dark yellowish brown (10 YR 4/2) unstratified, fine to coarse, rounded to subrounded SAND and small to medium, rounded to subrounded GRAVEL
	20/25 32/45	CA SS 1.2/2.0	0.4 ppm	Back - ground	SW	16.0 to 17.2; Moist, very dense, dark yellowish brown (10 YR 4/2) unstratified, fine to coarse, rounded to subrounded SAND and small to medium, rounded to subrounded GRAVEL
20	23/18 11/9	CA SS 1.4/2.0	0.5 ppm	Back - ground	SW	18.0 to 19.4; Moist, compact, dark yellowish brown (10 YR 4/2) unstratified, fine to coarse, rounded to subrounded SAND and small to medium, rounded to subrounded GRAVEL

ECA: CPP-79

Location: 79-1

Drilling Subcontractor: Hawley Brothers (Blackfoot, Idaho)

Borehole Diameter: 8 inch outside diameter

Drill Method: 4 inch. hollow stem auger

Logged by: Arden Bailly (GAI Geologist)

Reviewed by: *[Signature]*

Sample Method: California split spoon sampler driven with a 140 lb hammer

Signature: _____

Date: 2 Sep 92



= Denotes California Split-spoon sampler



= Denotes grab sample

ENVIRONMENTAL RESTORATION

79-1 Cont. BOREHOLE LOG

Depth (ft)	Blow Counts	Sample Type	Organics (ppm)	Rad. (cpm)	Lithologic USCS Symbol	Geologic Description
20	7/9 10/12	CA SS 1.2/2.0	0.5 ppm	Back - ground	SW	20.0 to 21.2; Moist, compact, dark yellowish brown (10 YR 4/2) unstratified, fine to coarse, rounded to subrounded SAND and small to medium, rounded to subrounded GRAVEL trace organics - (one lone three inch diameter wood fragment with bark)
	7/9 7/9	CA SS 1.6/2.0	0.0 ppm	Back - ground	SW	22.0 to 23.6; Moist to wet, compact, dark yellowish brown (10 YR 4/2) unstratified, fine to coarse, rounded to subrounded SAND and small to medium, rounded to subrounded GRAVEL
25	5/5 6/11	CA SS 1.4/2.0	0.0 ppm	Back - ground	SW	24.0 to 25.4; Wet, compact, dark yellowish brown (10 YR 4/2) unstratified, fine to coarse, rounded to subrounded SAND and small to medium, rounded to subrounded GRAVEL
	9/15 16/21	CA SS 0.5/2.0	0.0 ppm	Back - ground	SW	25.0 to 26.5; Wet, dense, dark yellowish brown (10 YR 4/2) unstratified, fine to coarse, rounded to subrounded SAND and small to medium, rounded to subrounded GRAVEL
	11/16 21/28	CA SS 1.2/2.0	0.0 ppm	Back - ground	SW	28.0 to 29.2; Wet, dense, dark yellowish brown (10 YR 4/2) unstratified, fine to coarse, rounded to subrounded SAND and small to medium, rounded to subrounded GRAVEL
30	21/17 16/16	CA SS 1.3/2.0	0.2 ppm	Back - ground	SW	30.0 to 31.3; Moist, dense, dark yellowish brown (10 YR 4/2) unstratified, fine to coarse, rounded to subrounded SAND and small to medium, rounded to subrounded GRAVEL
	15/14 16/15	CA SS 1.3/2.0	0.2 ppm	Back - ground	SW	32.0 to 33.3; Moist, dense, dark yellowish brown (10 YR 4/2) unstratified, fine to coarse, rounded to subrounded SAND and small to medium, rounded to subrounded GRAVEL
35	12/11 11/12	CA SS 1.4/2.0	0.4 ppm	Back - ground	SW	34.0 to 35.4; Moist, compact, dark yellowish brown (10 YR 4/2) unstratified, fine to coarse, rounded to subrounded SAND and small to medium, rounded to subrounded GRAVEL
40	20/18 41/32	CA SS 1.3/2.0	0.0 ppm	1.2 Rem β γ 300mRem γ	SW	Late Entry 9/14/92 40.0 to 41.3; Moist, very dense, pale yellowish orange to very pale yellowish orange (10 YR 8/6 to 10 YR 8/2) staining in pale yellowish brown (10 YR 6/2) unstratified, fine to coarse, rounded to subrounded SAND and some small to medium, rounded to subrounded GRAVEL description - late entry - 21 Sep 92 TD of borehole 41.3

ECA: CPP-79

Location: 79-1

Drilling Subcontractor: Hawley Brothers (Blackfoot, Idaho)

Borehole Diameter: 8 inch outside diameter

Drill Method: 4 inch hollow stem auger

Logged by: Arden Bailey (GAI Geologist)

Reviewed by: *[Signature]*

Sample Method: California split spoon sampler driven with a 140 lb hammer

Signature: _____

Date: 4 Sep 92



= Denotes California Split-spoon sampler



= Denotes grab sample